

REMARKS

Claims 1-8 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

DRAWINGS

The drawings stand objected to for certain informalities. Applicants have attached revised drawings for the Examiner's approval. In the "Replacement Sheets," Applicants have amended FIGS. 7-10 to include a proper prior art designation. Applicants have amended FIGS. 1-3 and 5-10 to correct missing lines of the circuit blocks according to the Examiner's suggestion.

SPECIFICATION

The abstract stands objected to for certain informalities. Applicants have amended the abstract according to the Examiner's suggestions. Therefore, reconsideration and withdrawal of this objection are respectfully requested.

CLAIM OBJECTIONS

Claims 2, 3, and 6 stand objected to for certain informalities. Applicants have amended claims 2, 3, and 6 according to the Examiner's suggestions.

REJECTION UNDER 35 U.S.C. § 103

Claims 1, 4-6, and 8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Parker et al. (U.S. Pat. No. 5,260,979) in view of Dorr (U.S. Pat. No. 5,477,330). This rejection is respectfully traversed.

The Examiner acknowledges that claims 2-3 and 7 are allowable because the prior art fails to disclose or suggest "the inclusion of a phase-shift circuit, SAW resonator, amplifier and buffer in the VCO circuit as recited in claim 2." More specifically, claim 2 recites, "wherein a forward feedback oscillation loop is formed." The feedback loop outputs both the "feedback loop output signal" and "a forward oscillation loop output signal." Applicants have amended claim 1 to recite that the voltage controlled oscillation circuit includes "a forward feedback oscillation loop circuit that outputs said feedback loop output signal and a forward feedback oscillation loop output signal."

Parker does not show, teach, or suggest such a structure. In particular, Parker does not disclose that the VCO 24 includes a feedback oscillation loop circuit that outputs a feedback loop output signal and a forward feedback oscillation loop output signal. Parker discloses that the VCO 24 outputs a feedback loop output signal at node 26. In other words, the feedback loop output signal is the output of the VCO. The feedback loop output signal is not output from a forward feedback oscillation loop of the VCO. Applicants respectfully submit that Parker, singly or in combination with Dorr, does not show, teach, or suggest the subject matter of Applicants' claim 1. Therefore, Applicants believe claim 1, as well as its corresponding dependent claims, should be in condition for allowance.

ALLOWABLE SUBJECT MATTER


The Examiner states that claims 2, 3, and 7 would be allowable if rewritten in independent form. Applicants thank the Examiner for the allowable subject matter. However, Applicants elect to defer amending the claims into independent form until after the above comments and remarks are considered.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

The attached "Replacement Sheets," which includes FIGS. 1-3 and 5-10, replace the original sheets including FIGS. 1-3 and 5-10.

Attachment: Replacement Sheets